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| **Station #1**   * Place a small amount of each powder on a square of black paper and observe the particles with a hand lens or microscope. * Record your observations in the table. * Please dispose of the powders in the garbage by gently tapping the paper over the garbage can. Return the black paper to the appropriate location in the tray. |
| **Station #2**   * Place a small amount of each powder on a square of tinfoil. Use a hot plate on medium to heat your powders. Be very careful not to burn yourself. * Record your observations in the table. * Please turn off the hot plate when finished, allow the foil and powders to cool, and dispose of the tinfoil and powders in the garbage. |

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| **Station #3**   * Place a small amount of each powder in a separate well on a spot plate. * Add a drop of vinegar to each powder. * Record your observations in the table. * Clean up the spot plate. |
| **Station #4**   * Place a small amount of each powder in a separate well on a spot plate. * Add a drop of Iodine solution to each powder. * Record your observations in the table. * Clean up the spot plate. |
| **Station #5**   * Place a small amount of each powder in a separate well on a spot plate. * Add a drop of water to each powder. * Record your observations in the table. * Clean up the spot plate. |